CLAIMS

1. A lighting system for aircraft cabins comprising light emitting diodes (8.1 - 8.5, 9.1 - 9.5, 10.1 - 10.5, 11.1 - 11.5) which are arranged at or in a cabin wall means, characterised in that there are provided a plurality of lighting units (4 - 7) which each have at least one light emitting diode (8.1 - 8.5, 9.1 - 9.5, 10.1 - 10.5, 11.1 - 11.5) and are connected to an output (2.1 - 2.3) of a control device (1), wherein actuation of the lighting units (4 - 7) is effected independently of each other by way of the control device (1).

2. A lighting system according to claim 1 characterised in that the control device (1) has a plurality of outputs (2.1 - 2.3), wherein lighting units (4 - 7) to be actuated in various ways are connected to different outputs (2.1 - 2.3).

3. A lighting system according to claim 1 or claim 2 characterised in that lighting units (4 - 7) which are to be actuated at the same time are connected to an output (2.1 - 2.3) of the control device (1), wherein the lighting units (4 - 7) are preferably electrically connected in parallel with each other.

4. A lighting system according to one of claims 1 to 3 characterised in that the lighting units (4 - 7) include a regulating module (12 - 15) which holds the current through the light emitting diode or diodes (8.1 - 8.5, 9.1 - 9.5, 10.1 - 10.5, 11.1 - 11.5) at a constant value.

5. A lighting system according to one of the preceding claims characterised in that the lighting units (4 - 7) have a plurality of and preferably five light emitting diodes (8.1 - 8.5, 9.1 - 9.5, 10.1 - 10.5, 11.1 - 11.5) which are electrically connected in series.

6. A lighting system according to one of the preceding claims characterised in that the light emitting diodes (8.1 - 8.5, 9.1 - 9.5, 10.1 - 10.5, 11.1 - 11.5) are actuable by means of pulse width modulation.

7. A lighting system according to one of the preceding claims characterised in that the light emitting diodes (8.1 - 8.5, 9.1 - 9.5, 10.1 - 10.5, 11.1 - 11.5) are arranged at or in the cabin wall in such a way that signs or images can be displayed.

8. A lighting system according to one of the preceding claims characterised in that the light emitting diodes (8.1 - 8.5, 9.1 - 9.5, 10.1 - 10.5, 11.1 - 11.5) are actuable in such a way that effects, preferably flashing, twinkling, colour change or moving light can be represented.

9. Use of the lighting system according to one of the preceding claims as effect lighting, preferably for stimulating a starry sky, for displaying information or for marking localities.

10. Use according to claim 9 characterised in that actuation of the lighting is effected coupled to events in the aircraft.